

Figure 1

IUSE5 Construct

	cpIII SIGNAL SEQUENCECry1Ac.....	<u>Junction</u>	cpIII
Cry1Ac(synthetic)		MDNNPNI.....S ₂₇₉I ₄₉₁R ₆₀₅ FEFIPVTATLE	stop(uaa)	
Cry1Ac-IUSE5	VKK	HSADGGPLAMDNPNNI.....S ₂₇₉F ₄₉₁R ₆₀₅ FEFIPVTNARGSCRASG	<u>AAETVESCL</u>	
Cry1Ac-Kpn-IUSE5	VKK	HSADGGPLAMDNPNNI.....T ₂₇₉F ₄₉₁R ₆₀₅ FEFIPVTNARGSCRASG	<u>AAETVESCL</u>	
WT-IUSE5		VKKLLFAIPLVVPFTSHSADVAMGWAAAGN	<u>AAETVESCL</u>	

SurIZapE1 Construct

	PeIB LEADERCry1Ac....	<u>Junction</u>	cpIII
Cry1Ac-SZ	AGLLLLAAQPAI	AMDNPNNI.....R ₆₀₅ FEFIPVTATLE.....VSNL ₄₈₅ ASGGGGGSP	<u>35FVCEYQGG</u>	

Figure 2

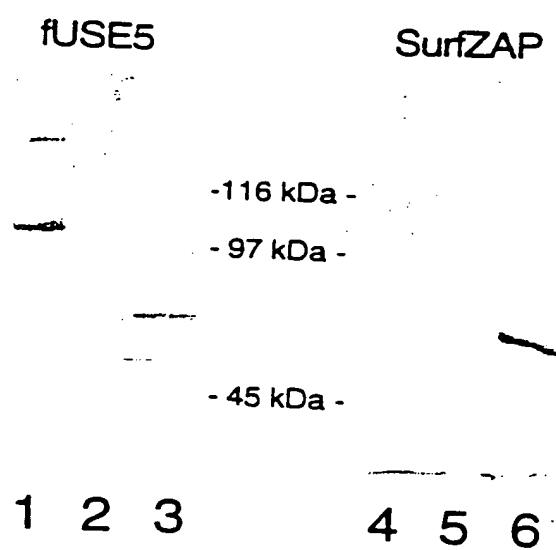


Figure 3

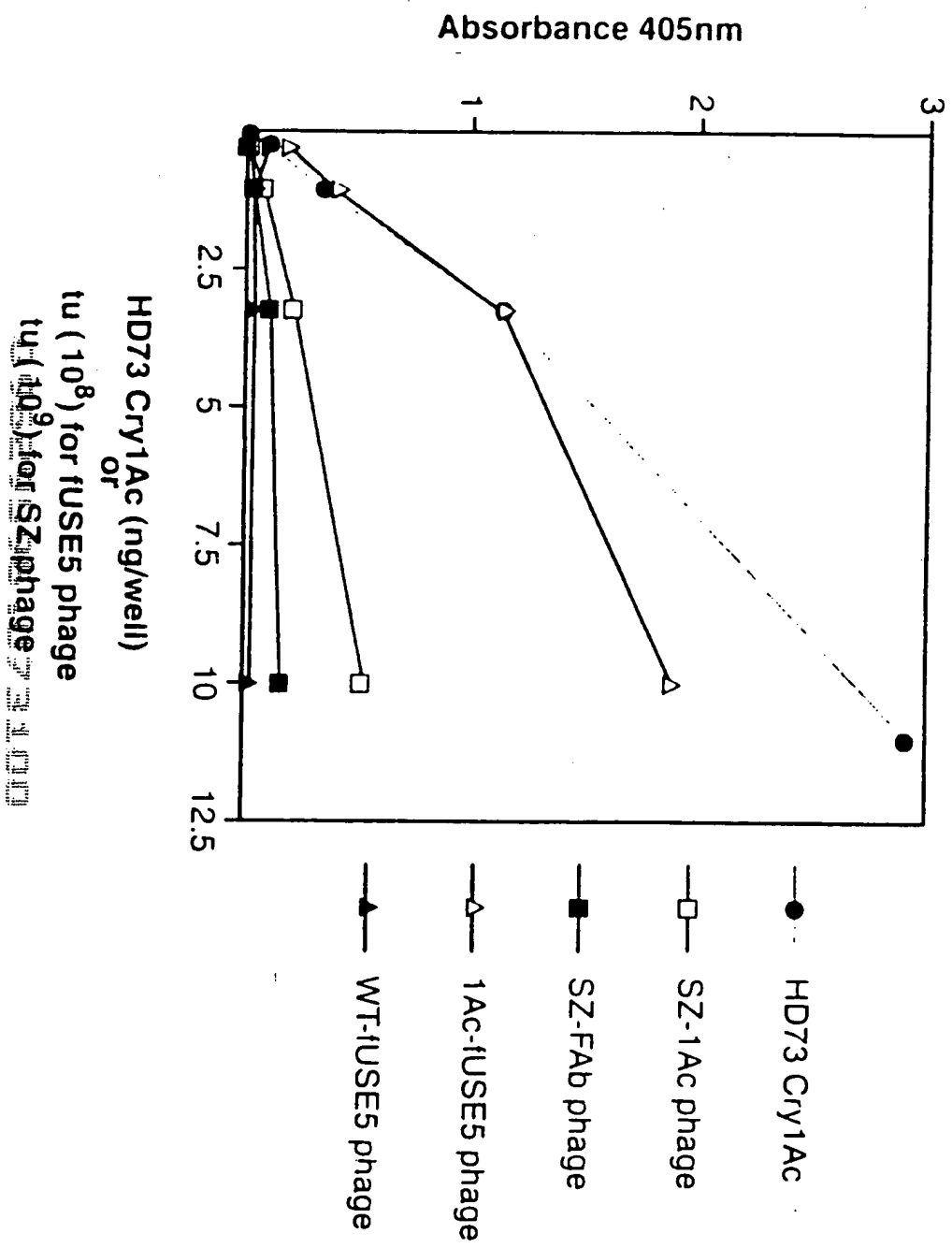
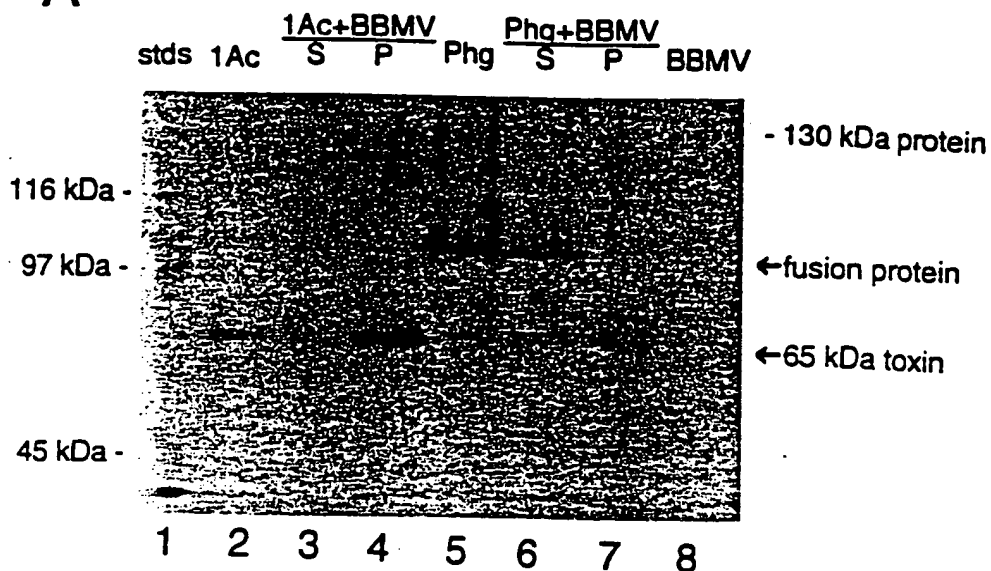
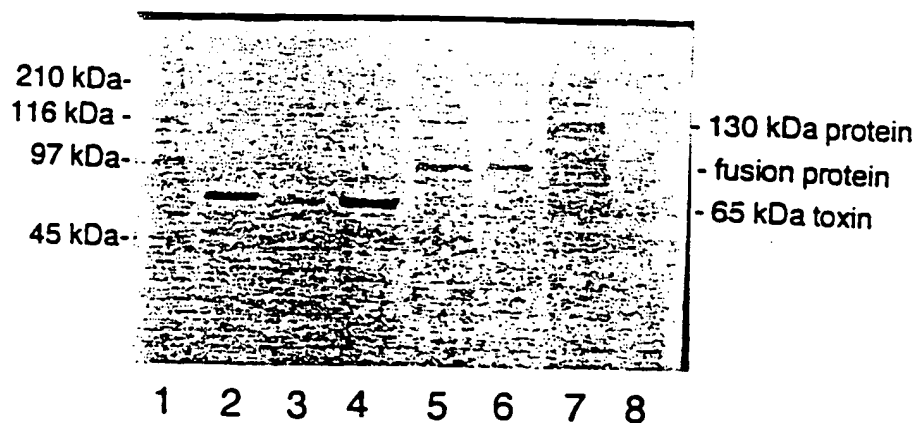


Figure 4

A



B



007E20-96562960